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I	FORM: PTO-1449	U.S. DEPARTMENT OF COMMERCE	Atty Docket No:	Serial No:
-	(REV: 7-80)	PATENT AND TRADEMARK OFFICE	94-0280.04	09/470,650
		3 <sup>RD</sup>	Applicant:	
	INFORMATION I	DISCLOSURE STATEMENT BY APPLICANT	Thomas A. Figura et al.	
			Filing Date:	Group:
	(37 CFR 1.98(b))	(use several sheets if necessary)	12/22/99	2813
			Filing Date:	•

## U.S. PATENT DOCUMENTS

Examiner		Document					
Initial		Number	Date	Name	Class	Subclass	
ALL	AA	6,117,764	09/12/00	Figura et al.	438	623	
ist	AB	5,950,092	09/07/99	Figura et al.	438	399	
	AC						
	AD						
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	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

Examiner		Document					Trans	lation
Initial		Number	Date	Country	——— <del>Class</del>	Subclass	Yes	No
	AX							
	AY							

Initial			OTHER ART (including author, title, date, pertinent pages, etc.)
Ak	AZ		Application Serial No. 09/470,651, entitled USE OF A PLASMA SOURCE TO FORM A LAYER DURING THE FORMATION OF A SEMICONDUCTOR DEVICE, filed December 22, 1999; Thomas A. Figura, Kevin Donohoe, and Thomas Dunbar, inventors; attorney docket No. 94-0280.05; Preliminary Amendment filed December 22, 1999; Amendment After the Continued Prosecution Application and Response to the Office Action dated April 13, 2000 filed July 13, 2000; Response to the Office Action dated September 26, 2000 filed October 5, 2000; Amendment and Response to the Office Action Dated November 21, 2000 filed May 21, 2001.
MIL	ВА		Application Serial No. 09/471,460, entitled USE OF A PLASMA SOURCE TO FORM A LAYER DURING THE FORMATION OF A SEMICONDUCTOR DEVICE, filed December 22, 1999; Thomas A. Figura, Kevin G. Donohoe and Thomas Dunbar, inventors; attorney docket No. 94-0280.03; Preliminary Amendment filed December 22, 1999; Amendment After the Continued Prosecution Application and Response to the Office Action dated June 6, 2000; Amendment and Response to the Office Action dated November 21, 2000, filed May 21, 2001.
Examiner:	0	27	Date Considered: 6/24/

**EXAMINER:** 

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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(REV: 7-80)	PATENT AND TRADEMARK OFFICE	94-0280.04	09/470,650
		Applicant:	
INFORMATION D	ISCLOSURE STATEMENT BY APPLICANT	Thomas A. Figura et al	•
		Filing Date:	Group:
(37 CFR 1.98(b))	(use several sheets if necessary)	12/22/99	1765

## U.S. PATENT DOCUMENTS

Examiner		Document					
Initial		Number	Date	Name	Class	Subclass	1
IME	AA	5,904,799	05/18/99	Donohoe	156	345	
MC	AB	5,837,596	11/17/98	Figura et al.	438	446	
LAK	AC	5,472,904	12/05/95	Figura et al.	437	67	
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Examiner Initial		Number	Date	Name	Class	Subclass	⊃ 4 = 0
	AA	5,821,621	10/13/98	Jeng	257	759	26.3
USIC	AB	5,804,259	09/08/98	Robles	427	577	90
MC	AC	5,496,773	03/05/96	Rhodes et al.	437	189	<u> </u>
MC			03/03/96	Jeng Jeng	437	195	
(1/4)	AD	5,486,493	12/19/95	Numata	437	195	
VAL	AE	5,476,817		Bariya et al.	430	313	
MC	AF	5,443,941	08/22/95		437	192	
MC	AG	5,422,310	06/06/95	Ito	437	52	
UK	AH	5,422,294	06/06/95	Noble, Jr.		643	
IAL	ΑI	5,382,316	01/17/95	Hills et al.	156		
AL	AJ	5,364,817	11/15/94	Lur et al.	437	192	
M	AK	5,364,809	11/15/94	Kwon et al.	437	52	
ish	AL	5,354,715	10/11/94	Wang et al.	437	238	
UIL	AM	5,326,431	07/05/94	Kadomura	156	659.1	
	AN	5,312,773	05/17/94	Nagashima	437	190	
Mr.	AO	5,292,677	03/08/94	Dennison	437	52	
UK			02/15/94	Chen et al.	437	195	
CAL	AP	5,286,675		Ahn	437	52	
L MC	AQ	5,284,787	02/08/94		118	723	
Ust	AR	5,232,509	08/03/93	Min et al.	437	47	
AK	AS	5,185,282	02/09/93	Lee et al.		52	
IAL	AT	5,162,248	11/10/92	Dennison et al.	437		
inc	AU	5,150,276	09/22/92	Gonzalez et al.	361 430	313	
· Ne	AV	5,110,712	05/05/92	5/05/92 Kessler et al.		312	
1414	AW	5,096,849	03/17/92	Beilstein, Jr. et al.	437	67	
SIL	AX	5,084,413	01/28/92	Fujita et al.	437	189	
UK	AY	5,066,607	11/19/91	Banerjee	437	52	
	AZ	4,918,033	04/17/90	Bartha et al.	437	245	
LAIC			01/10/89	Malhi et al.	437	60	
Ale	BA	4,797,373	07/26/88	Numata et al.	427	255.6	
M	BB	4,759,958	0 //20/88	Numata et al.	421	233.0	
				FOREIGN PATENT DOCUME	ENTS		
Examiner		Document					Translation
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Initial			ОТ	HER ART (including author, title	, date, pertinent pages, etc.)		
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1000	BE	Tets	uo Ono, Ryoji H	amasaki and Tatsumi Mizutani, "M	echanism for CF Polymer Film	Deposition utroug	en Deeb Signoies
MC		in E	lectron Cyclotro	n Resonance Plasma," Jpn. J. Appl.	Phys. vol. 35, pp. 2408-2471	, ran 1, No. 40, A	pm 1990.
	<del>                                     </del>						
	nr.	E-L	eath I M "Tat	ion Polymer Mask For RIE of Con	tact Roles," IBM Technical D	isclosure Bulletin.	Vol. 25, No. 9, pp
BF Ephrath, L. M., "Teflon Polymer Mask For RIE of Contact Roles," IBM Technical Discleder 14587-4588, February 1983.							. , 11
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